

795 Motion Limiter

1. Make all necessary modifications to the positive mold and flatten Achilles area at the anticipated trim line, so the bumper loads evenly with the proximal plastic after installation.
2. Prepare the positive mold for vacuum forming.
3. Cut an extra section of plastic approximately 3/4" x 2" x 1/4" and place in the oven along with a full sheet.
4. Remove urethane bumper and lock nut from 795 Motion Limiter.
5. When the plastic has reached the "ready" stage, remove the small piece and place it on the cast in the Achilles area with 1/2 above and 1/2 below the anticipated trim line.
6. Place the Motion Limiter stem on the plastic section with the top at the trim line and spread attached string horizontally across the plastic. Square the limiter stem with the plantar surface and push into plastic. Plastic should encompass approximately 2/3 of the stem.
7. Drape the full sheet of plastic over the cast and vacuum.
8. Nut and washer should remain against the underside of the urethane bumper at final assembly. The second nut is to be utilized for locking the bumper height.

Note: It is important to fabricate this product into an AFO so that the bumper is loaded evenly and perpendicular to the screw axis. A slight cavity in the proximal plastic will improve the contact. The following drawings illustrate these points. If future adjustments are made to the limiter's position, you may need to modify the proximal contact surface of the AFO to maintain correct contact.

